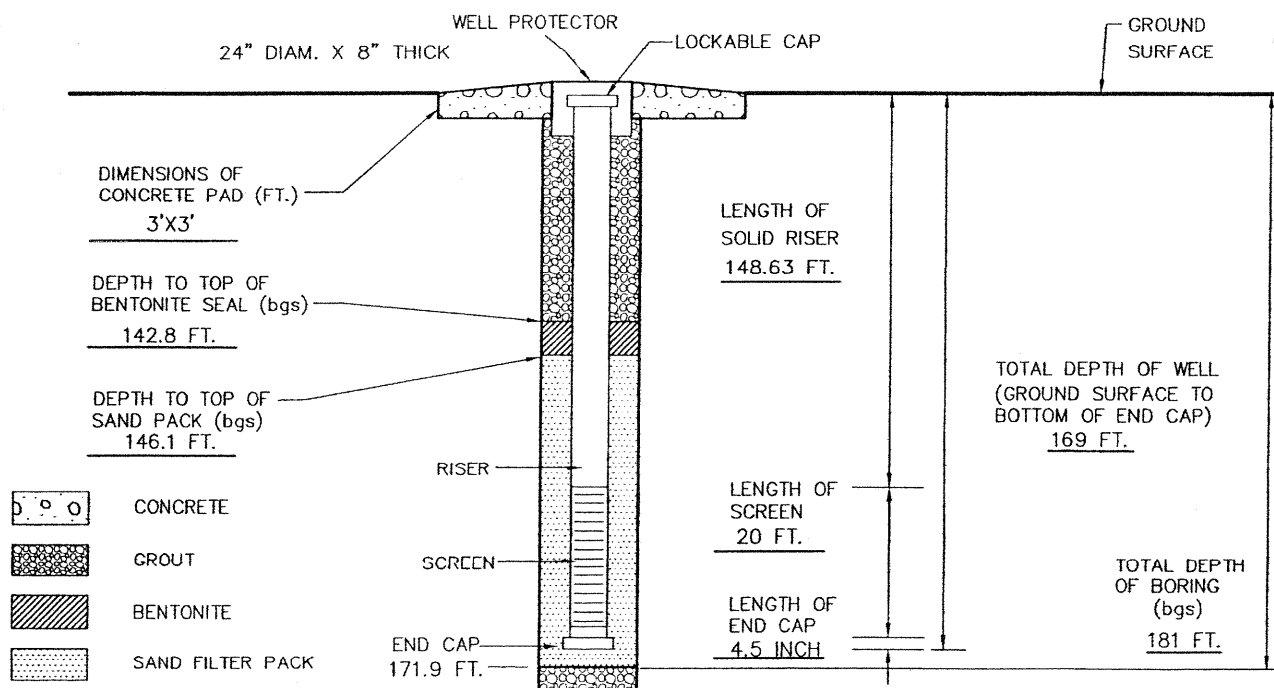


# DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME DDMT PROJECT NO. 6301-04-0002  
 WELL NO. MW-141 WELL LOCATION MAIN INSTALLATION  
 DATE 06/16/2004 START TIME 1640

GROUND SURFACE ELEVATION <u>303.70</u>	BENTONITE TYPE <u>CHIPS MEDIUM</u>
TOP OF SCREEN ELEVATION <u>155.08</u>	MANUFACTURER <u>PURE GOLD</u>
REFERENCE POINT ELEVATION <u>303.71</u>	CEMENT TYPE <u>TYPE I/II PORTLAND CEMENT</u>
TYPE FILTER PACK <u>SAND</u> GRADATION <u>20/40</u>	MANUFACTURER <u>LONESTAR</u>
FILTER PACK MANUFACTURER <u>FILTER SIL</u>	BOREHOLE DIAMETER <u>7 INCH</u>
SCREEN MATERIAL <u>SCH. 40 PVC</u>	MACTEC FIELD REPRESENTATIVE <u>AMY CALLAWAY</u>
MANUFACTURER <u>JOHNSON</u>	DRILLING CONTRACTOR <u>PROSONIC</u>
SCREEN DIAMETER <u>2 INCH</u> SLOT SIZE <u>0.010"</u>	AMOUNT BENTONITE BELOW (SCREEN) <u>2-50 LB BAGS</u>
RISER MATERIAL <u>SCH. 40 PVC</u>	AMOUNT BENTONITE USED (SEAL) <u>1-50 LB BAG</u>
MANUFACTURER <u>JOHNSON</u>	AMOUNT BENTONITE USED (GROUT) <u>28 LB</u>
RISER DIAMETER <u>2 INCH</u>	DENSITY OF GROUT= 1ST 13.5 LBS/GAL 4TH 13.8 LBS/GAL
DRILLING TECHNIQUE <u>ROTO SONIC</u>	2ND 13.7 LBS/GAL 5TH 14.3 LBS/GAL
AUGER/BIT SIZE AND TYPE <u>6" OUTER CASING</u>	3RD 13.8 LBS/GAL 6TH 13.8 LBS/GAL
<u>4" CORE BARREL</u>	AMOUNT CEMENT USED (GROUT) <u>24-94 LB BAGS</u>
REMARKS _____	AMOUNT SAND USED <u>10-50 LB BAGS</u>
	STATIC WATER LEVEL (>24 hrs after dev) <u>112.35</u>
	MEASURED ON (Date/Time) <u>06/24/2004</u>

(NOT TO SCALE;  
ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: DAVID WILCOX INSPECTOR: AMY CALLAWAY  
 DISCREPANCIES: \_\_\_\_\_ CHECKED BY: K.A./RNQ DATE: 07-08-2004/09-3-2004